```
logo

NTDB id 413 AAK55817.1 141..845( )      ......MKKILIVDDEKPISDIIKFNMTKEGYEVVTAFNGREALEQFEAEQPDIIILDLMLPEIDGLEVAKTIR...KTS   71
NTDB id 374 SMU RS06885 WP 002262930.1  ......MKKILIVDDEKPISDIIKFNLAKEGYDTITAFDGREALSKYEEENPDLIILDLMLPELDGLEVAKEVR...KNS   71
NTDB id 1047 HON27 RS03110 WP 000389061.1 MEDAFQNLKVMVIDDSKTIRRTAETLLQREGCEVITAVDGFEALSKIAEANPDIVFVDIMMPRLDGYQTCALIKNSQNYQ  80
NTDB id 153947 amyaer RS16410 WP 046662875.1 ......MREILLVEDSQAQRELICDLLRNSGIKVTIAKDGVEALEHIQRVNPDLVVLDIVMPRINGYEVCRRLKSDPKTK  74
NTDB id 1417 SGL RS04200 WP 014407071.1 ......MNAVLLVEDSSSQREMISGILKDHGWQVTIACDGVEALEKLQNFSPDLVVLDIVMPRMNGYEVCRRIKSDPKTK  74
consensus                                *******!** *****  ** **!*****! *! !!!***   *!!****!***!***!***** **   **

logo

NTDB id 413 AAK55817.1 141..845( )      SVPILMLSAKDSEFDKVIGLELGADDYVTKPFSNRELQARVKALLRRSQPMPVDGQ.EADSKPQPIQIGDLEIVPDAYVA  150
NTDB id 374 SMU RS06885 WP 002262930.1  HVPIIMLSAKDSEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTENIESAVAEENASGIPEIIIGDLQILPDAFVA  151
NTDB id 1047 HON27 RS03110 WP 000389061.1 NIPVIMLSSKDGLFDQAKGRVVGSDEYLTKPFSKDELLNAIRNHVSS.................................  127
NTDB id 153947 amyaer RS16410 WP 046662875.1 NIPVIICSLKGEVFDRYWGMKIGADAYIVKPFEPIEFICTVKQLLRR.................................  121
NTDB id 1417 SGL RS04200 WP 014407071.1 NVPVIMCSSKGEEFDRFWGMRQGADAYIAKPFQPMELVGTIKQLLRN.................................  121
consensus                                **!****! !* *!!*  !* *!*!*!**!!!*  !*** *******

logo

NTDB id 413 AAK55817.1 141..845( )      KKYGEELDLTHREFELLYHLASHTGQVITREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYM  230
NTDB id 374 SMU RS06885 WP 002262930.1  KKRGTEVELTHREFELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYM  231
NTDB id 1047 HON27 RS03110 WP 000389061.1 ......................................................................  127
NTDB id 153947 amyaer RS16410 WP 046662875.1 ......................................................................  121
NTDB id 1417 SGL RS04200 WP 014407071.1 ......................................................................  121
consensus

   <0

logo

NTDB id 413 AAK55817.1 141..845( )      RNNA*   234
NTDB id 374 SMU RS06885 WP 002262930.1  KSYD.   235
NTDB id 1047 HON27 RS03110 WP 000389061.1 .....   127
NTDB id 153947 amyaer RS16410 WP 046662875.1 .....   121
NTDB id 1417 SGL RS04200 WP 014407071.1 .....   121
consensus
```

X non conserved

X similar

X ≥50% conserved